```python
In [1]:  import numpy as np
```

```python
In [2]:  import numpy as np
```

```python
In [3]:  import matplotlib.pyplot as plt
```

```python
In [4]:  import os
         from nbconvert import HTMLExporter
         from nbconvert.preprocessors import ExecutePreprocessor
         from nbconvert import PDFExporter
         import subprocess
```

```python
In [5]:  notebooks_dir = "."
```

```python
In [6]:  notebook_path = os.path.join(notebooks_dir, "all_hub_basic_notebook.ipynb")

         # Set the output PDF file path
         pdf_path = os.path.splitext(notebook_path)[0] + ".pdf"

         try:
             # Use subprocess to call nbconvert to generate the PDF
             result = subprocess.run(
                 ["jupyter", "nbconvert", "--to", "webpdf", notebook_path],
                 capture_output=True,
                 text=True,
             )

             # Check if the conversion was successful
             if result.returncode != 0:
                 raise Exception(f"PDF conversion failed for notebook. Error: {result

             # Verify that the PDF file exists
             if not os.path.exists(pdf_path):
                 raise FileNotFoundError(f"PDF conversion did not create the expected

             print(f"Successfully converted notebook to PDF")

         except Exception as e:
             print(f"Error: {str(e)}")
```

```
Successfully converted notebook to PDF
```

```python
In [ ]:
```